

Analysis Date: 29-10-2025

Re-test Date: 29-10-2028

## TAMSULOSIN IMPURITY 36

### Identification

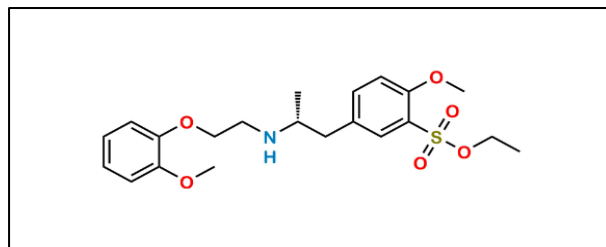
**Chemical Name** : Ethyl (R)-2-methoxy-5-(2-((2-(2-methoxyphenoxy)ethyl)amino)propyl)benzenesulfonate

**CAT No** : ALL-TAM-50

**CAS No** : N.A.

**Molecular Formula** : C<sub>21</sub>H<sub>29</sub>NO<sub>6</sub>S

**Molecular Weight** : 423.5



### Analytical Information

<b>Batch No.</b>	: ALL-TAM-50	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.06 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.257 %	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.716 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.257 + 0.716) \times 98.00] / 100 = 96.06 \%$$

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office